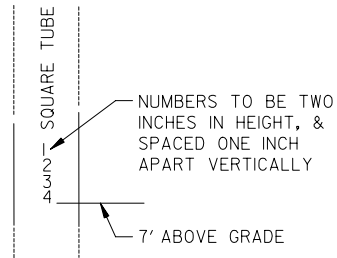
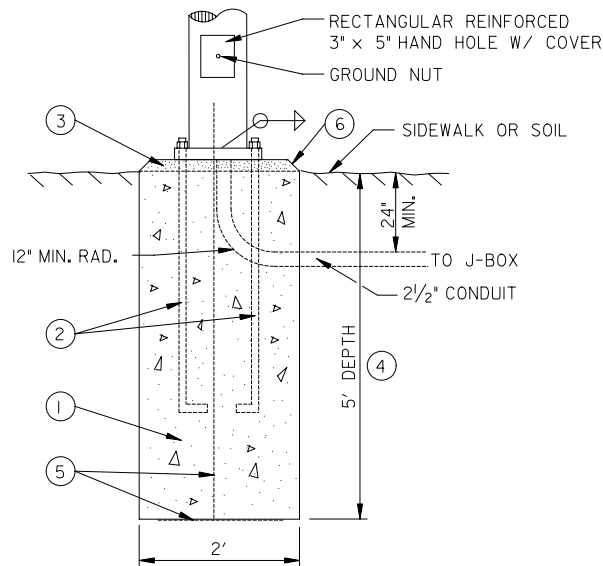


BASE PLATE SECTION



POLE NUMBER LOCATIONS



FOUNDATION SECTION

### GENERAL NOTES

1. POLES ARE TO BE DESIGNED PER A.A.S.H.T.O. - 80 SPECIFICATIONS.
2. ALL TUBING IS TO BE A.S.T.M. A500 GRADE B (46,000 P.S.I. MIN. YIELD).
3. ACCEPTED POLE MANUFACTURER:  
CEM-TEC CORPORATION OR APPROVED EQUAL.
4. ACCEPTED LUMINAIRE MANUFACTURER:  
AMERICAN ELECTRIC SERIES 153/154 OR G.E. DECASHIELD III, II OR APPROVED EQUAL.
5. FOR PAINT SPECIFICATIONS SEE TEMPE STREET LIGHTING SPECIFICATION T-101.2.

### FOUNDATION NOTES

1. 3000 P.S.I. CLASS A CONCRETE PLACED NEXT TO UNDISTURBED EARTH.
2. 4 - 7/8" x 36" GALVANIZED ANCHOR BOLTS WITH LEVELING NUTS & WASHERS. TACK WELD NUTS TO WASHERS AND WASHERS TO BASE PLATE AFTER TIGHTENING. (2 1/2" PROJECTION)
3. 1 1/2" THICK EMBECO GROUT #636 OR APPROVED EQUAL.
4. UNSTABLE SOILS, AND/OR POLE HEIGHTS OVER 40', SHALL REQUIRE SPECIAL ENGINEERING.
5. A 25' COIL OF NO. 4 STRANDED A.W.G. BARE COPPER CONDUCTOR SHALL BE INSTALLED BEFORE THE CONCRETE IS POURED. IT SHALL BE CONNECTED TO POLE GROUNDING SCREW IN THE BASE OF THE POLE.
6. ALL FINISHED POLE FOUNDATIONS SHALL BE CHAMFERED, AND AT SIDEWALK GRADE UNLESS OTHERWISE NOTED.
7. THIS FOUNDATION MAY ALSO BE USED FOR DUAL MAST ARM POLES.

ORIGINAL SIGNATURE ON FILE  
AT THE CITY OF TEMPE

APPROVED: \_\_\_\_\_  
DEPUTY PUBLIC WORKS DIRECTOR DATE

APPROVED: \_\_\_\_\_  
CITY ENGINEER DATE



CITY OF TEMPE  
PUBLIC WORKS DEPARTMENT

ARCHITECTURAL STREET LIGHT

DETAIL T-652  
SHEET 2 OF 2  
REVISED 1998